

PUBLIC SAFETY DEPARTMENT[661]

Adopted and Filed

Pursuant to the authority of Iowa Code sections 103A.7, 103A.11 and 103A.14, the Building Code Commissioner of the Department of Public Safety and the Building Code Advisory Council hereby amend Chapter 300, “State Building Code—Administration,” Chapter 301, “State Building Code—General Provisions,” Chapter 302, “State Building Code—Accessibility of Buildings and Facilities Available to the Public,” and Chapter 315, “Weather Safe Rooms,” Iowa Administrative Code.

The Building Code Commissioner of the Department of Public Safety is authorized to adopt administrative rules, and the Building Code Advisory Council is authorized to approve or disapprove the administrative rules, pursuant to Iowa Code sections 103A.7, 103A.11, and 103A.14. The amendments implement the policy of adopting the building code provisions provided in the most recent editions in the International Code Council (ICC) code cycle. A similar policy has been used with regard to plumbing and mechanical codes, pursuant to Iowa Code section 105.4. The most recent editions of the codes used in the construction industry reflect current industry standards, and adoption of the current codes helps to promote consistency in the regulations affecting the construction industry.

The 2015 International Building Code (IBC) constitutes the most recent edition of industry standards, and its adoption promotes consistency of governing codes, eases the burden of planning and constructing buildings, and meets the business needs of the building industry while also meeting the expectations and needs of the public who use these buildings. The adoption of the 2015 IBC will assist businesses, individuals and the construction industry by streamlining construction requirements in the state.

Informal meetings have been held with stakeholders in the construction industry, who have supported the adoption of the most recent edition of the International Building Code. In accordance with Iowa Code section 103A.8C, the amendments to Chapter 315 adopt the standards of the 2015 ICC; however, there is no requirement that a safe room or storm shelter be included in new or existing construction unless one is required by another statute or federal statute or regulation.

Notice of Intended Action was published in the Iowa Administrative Bulletin on November 25, 2015, as **ARC 2250C**. A public hearing was held on January 5, 2016, in Room 125 of the Oran Pape State Office Building, Des Moines, Iowa. Two additional public hearings were held, one on January 7, 2016, in Stockton, Iowa, and one on January 8, 2016, in Council Bluffs, Iowa.

The following comments were received at the public hearing:

A comment was received from Rick Parrino, representing the Iowa Truss Manufacturers Association (ITMA). The comment discussed testing that had been conducted on the fire performance of floor systems and the exception relating to protection of dimensional lumber. Parrino commented that new growth 2 x 10s do not last as long as old growth 2 x 10s. Further, the testing showed that even with old growth 2 x 10s, the floor system failed in half the time than had been previously believed. The concern was raised that with the exception left in, there would be a false sense of safety for fire fighters.

Another comment from a member of the fire protection service advised that when fire fighters respond to a residential fire, they assume the shortest time before failure of the floor, so that no matter what type of floor system the structure has, the fire fighters are within the margin of safety.

As a result of the comments, the proposed deletion of section R302.2 and insertion of new language for section R302.2 in Item 11 were not adopted. However, new language was inserted to add an exception for exterior decks, balconies and porches.

As a result of review by the Building Code Commissioner, the following additional changes to the amendments published under Notice of Intended Action were made.

In Item 2, paragraph 300.4(2)“b,” a technical change was made to move the underscored note at the end of the table to the end of the paragraph. No substantive changes were made to the note.

In Item 6, rule 661—301.3(103A), in the definition for “Cabin Buildings,” the language was revised to clarify that a cabin building is a residence of transient use for overnight accommodations. Additionally,

some grammatical changes were made, to use “which” instead of “that” and also to make the tenses uniform.

In Item 6, subrule 301.3(14), subsections 903.2.8.1 through 903.2.8.4 were excepted from the deletion of section 903.2.8.

In Item 7, rule 661—301.4(103A), the amendment was revised to clearly state that the provisions of the state mechanical code were being adopted by reference, and to mirror the language used in Item 8, rule 661—301.5(103A).

In Item 11, an additional Exception 5 was added to exempt exterior balconies, decks and porches from the requirements relating to fire protection in flooring systems.

In Item 11, a reference to rule 661—303.2(103A) was added after the phrase “Delete chapter 11.”

In Item 11, the phrase “habitable attics” has been added to the first sentence of “R310.1 Emergency escape and rescue required.”

In Item 11, the reference to Appendix Q was stricken and a reference to Appendix U was added, and language was added to clarify that these deleted appendices are contained in the International Residential Code (IRC).

In Item 15, Note 2 is stricken, thus the numeral “1” in Note 1 is stricken as it is superfluous.

The effective dates for applicability of the rules to existing and future projects were updated to reflect the effective date of these amendments. The effective dates for applicability appear in Item 13, rule 661—301.10(103A), Transition period; Item 17, rule 661—315.1(103A), Scope; and Item 18, rule 661—315.3(103A), Requirements.

The Building Code Commissioner adopted these amendments on March 11, 2016, after a review by and with the approval of the Building Code Advisory Council.

Rules regarding the building code are subject to the waiver provisions of rule 661—10.222(17A). The Commissioner and the Building Code Advisory Council do not have authority to waive requirements established by statute, according to Iowa Code section 103A.7.

After analysis and review of this rule making, there should be a positive impact on jobs. The Building Code Advisory Council will continue to work with stakeholders to maximize this rule making’s positive impact on jobs. Any fiscal impact is expected to be minimal and less than \$100,000 annually or \$500,000 during the next five years.

These amendments are intended to implement Iowa Code sections 103A.7, 103A.8, and 103A.8A.

These amendments will become effective May 18, 2016.

The following amendments are adopted.

ITEM 1. Amend rule 661—300.1(103A) as follows:

661—300.1(103A) State building code promulgated. Iowa Code section 103A.7 assigns to the building code commissioner authority to promulgate the state building code, with the approval of the building code advisory council, except that adoption of the state historic building code requires the approval of the state historical society board of trustees, rather than the building code advisory council.

The state building code, as authorized by Iowa Code section 103A.7, includes 661—Chapters 16, 300, 301, 302, ~~and 303~~, 310, 315 and 322. The state historic building code is set forth in 661—Chapter 350.

ITEM 2. Amend rule 661—300.4(103A) as follows:

661—300.4(103A) Plan reviews.

300.4(1) Plans and specifications review—approvals.

a. to c. No change.

d. In sections 107.1 and 107.2.5 of the International Building Code, ~~2009~~ 2015 edition, the word “permit” shall be replaced by the words “plan review.”

e. No change.

~~f.~~ Plans and specifications for projects with a construction cost of \$1 million or more or projects subject to inspection plan review by the commissioner shall be submitted in an electronic format a format specified on the plan review submittal form.

~~EXCEPTION:~~ For projects with a construction cost of less than \$1 million that are subject to inspection by the commissioner, two identical sets of plans and specifications may be submitted in lieu of electronic submittal.

~~NOTE:~~ The electronic submission of plans and specifications for projects that are not subject to inspection by the commissioner and with a construction cost of less than \$1 million is strongly encouraged but not required.

~~g.~~ Any person planning to submit documents electronically shall contact the bureau for written instructions.

~~h.~~ g. Architectural technical submissions, engineering documents, and plans and specifications for construction, renovation, or remodeling of all state-owned buildings or facilities, including additions to existing buildings, shall be submitted to the commissioner for review and comment. Subsequently, a written response by the design professional indicating corrective measures taken to address the commissioner's plan review comments shall be submitted to and approved by the commissioner prior to the issuance of construction documents for bidding. Bidding may commence on a project after the preliminary meeting provided for in subrule 300.4(3) if all items on the preliminary meeting checklist have been resolved to the satisfaction of the commissioner.

~~i.~~ h. Architectural technical submissions, engineering documents, and plans and specifications for the initial construction of any building or facility that will not, when completed, be wholly owned by the state or an agency of the state shall be submitted to the commissioner for review and comment, if the construction is financed in whole or in part with funds appropriated by the state and there is no local building code in effect in the local jurisdiction in which the construction is planned or, if there is such a local building code in effect, it is not enforced through a system which includes both plan reviews and inspections. Subsequently, a written response by the design professional indicating corrective measures taken to address the commissioner's plan review comments shall be submitted to and approved by the commissioner prior to the issuance of construction documents for bidding. Bidding may commence on a project after the preliminary meeting provided for in subrule 300.4(3) if all items on the preliminary meeting checklist have been resolved to the satisfaction of the commissioner.

~~j.~~ i. Architectural technical submissions, engineering documents, and plans and specifications for construction, renovation, or remodeling of all buildings or facilities, including additions to existing buildings, to which the state building code applies, other than those subject to paragraph "~~h~~ g" or "~~i~~ h," shall be submitted to the commissioner for review and comment, unless applicability of the state building code is based upon a local ordinance enacted pursuant to Iowa Code section 103A.12. Subsequently, a written response by the design professional indicating corrective measures taken to address the commissioner's plan review comments shall be submitted to and approved by the commissioner prior to the issuance of construction documents for bidding. Bidding may commence on a project after the preliminary meeting provided for in subrule 300.4(3) if all items on the preliminary meeting checklist have been resolved to the satisfaction of the commissioner.

~~k.~~ j. If the state building code applies to a construction project based upon a local ordinance adopting the state building code, the submission shall be made to the local jurisdiction, provided that the local jurisdiction has established a building department, unless the local jurisdiction requires submission to the commissioner. Review and approval of such documents by the commissioner shall be at the discretion of the commissioner based upon available resources.

~~l.~~ k. No project for which a life cycle cost analysis is required to be completed pursuant to Iowa Code section 470.2 shall be approved for construction prior to receipt by the commissioner of the life cycle cost analysis, final approval of the life cycle cost analysis by the commissioner and the ~~office of energy independence~~ economic development authority pursuant to Iowa Code section 470.7, and the completion of all applicable requirements established in Iowa Code section 470.7.

~~m.~~ l. No project for which an energy review is required pursuant to subrule 303.1(3) shall be approved for construction prior to the receipt by the commissioner of the energy review.

NOTE: Compliance with the requirements of paragraphs “l” and “~~h~~” at the earliest practical time is strongly recommended. In no case shall the submission occur later than specified in the applicable statutory provisions and provisions of the state building code.

~~h.~~ m. Any submission to the commissioner of architectural technical submissions, engineering documents, or plans and specifications for construction, except for plans to renovate or remodel residential buildings of one or two units, shall include a statement that the construction will comply with all applicable energy conservation requirements.

300.4(2) Copies and fees. See 661—Chapters 16, ~~302~~, and ~~303~~ 322 for fees pertaining to factory-built structures.

~~a.~~ ~~Copies of the state building code or any portion thereof are available through the Web site of the department of public safety.~~

a. ~~NOTE:~~ Codes and standards adopted by reference in the state building code which are published by other organizations, including, but not limited to, the American National Standards Institute, the International Code Council, the International Association of Plumbing and Mechanical Officials, and the National Fire Protection Association, may be purchased from the publishing organization. A copy of each code or standard adopted by reference in the state building code has been deposited in the Iowa state law library.

b. The fees for plan reviews completed by the building code bureau shall be calculated as follows:

Estimated Construction Costs	Calculation of Plan Review Fee
Up to and including \$1 million	\$.58 per thousand dollars or fraction thereof (minimum fee \$200)
More than \$1 million	\$580 for the first \$1 million plus \$.32 for each additional thousand dollars or fraction thereof
The plan review fees for fire suppression systems and fire alarm systems are separate fees and shall be calculated as follows:	
Fire Protection System Costs	Plan Review Fee
Fire suppression systems whose construction cost for materials and installation is calculated to be up to and including \$5,000	\$100
Fire suppression systems whose construction cost for materials and installation is calculated to be more than \$5,000 and up to and including \$20,000	\$200
Fire suppression systems whose construction cost for materials and installation is estimated to be more than \$20,000	\$400
Fire alarm systems whose construction cost for materials and installation is calculated to be up to and including \$5,000	\$100
Fire alarm systems whose construction cost for materials and installation is calculated to be more than \$5,000 and up to and including \$20,000	\$200
Fire alarm systems whose construction cost for materials and installation is estimated to be more than \$20,000	\$400

Payment of the assigned fee shall accompany each plan when submitted for review. Payment shall be made by money order, check or draft made payable to the Treasurer, State of Iowa.

NOTE: Plan review fees for assisted living projects are contained in Iowa Code section 231C.18(2) “c.” Elder group home plan review fees are contained in Iowa Code section 231B.17. Adult day services plan review fees are contained in Iowa Code section 231D.4.

c. No change.

300.4(3) to 300.4(5) No change.

ITEM 3. Amend rule 661—301.2(103A), introductory paragraph, as follows:

661—301.2(103A) Definitions. The following definitions apply to 661—Chapters 300, 301, 302, and 303, 310, 315, 322 and 350.

ITEM 4. Amend rule **661—301.2(103A)**, definition of “State plumbing code,” as follows:

“*State plumbing code*” means the state plumbing code adopted by the state plumbing and mechanical systems board, pursuant to Iowa Code chapter 105.

~~NOTE: As of January 1, 2007, the state plumbing code is found in 641—Chapter 25.~~

ITEM 5. Adopt the following **new** definition in rule **661—301.2(103A)**:

“*State mechanical code*” means the state mechanical code adopted by the state plumbing and mechanical systems board, pursuant to Iowa Code chapter 105.

ITEM 6. Amend rule 661—301.3(103A) as follows:

661—301.3(103A) General provisions. The provisions of the International Building Code, 2009 ~~2015~~ edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001, are hereby adopted by reference as the general requirements for building construction, with the following amendments:

301.3(1) and **301.3(2)** No change.

301.3(3) Delete section ~~101.4~~ and sections therein 101.4.1 through 101.4.6.

301.3(4) to **301.3(9)** No change.

301.3(10) Delete section ~~906.1~~ and insert in lieu thereof the following new section:

906.1 Where required. Portable fire extinguishers shall be installed in the following locations:

1. In new and existing Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

2. Within 30 feet (9144 mm) of commercial cooking equipment.

3. In areas where flammable or combustible liquids are stored, used or dispensed.

4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1 of the International Fire Code.

5. Where required by the sections indicated in Table 906.1.

6. Special hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official.

301.3(10) Add the following to section 202, Definitions:

“Cabin Building.” A residential building or structure the use of which is transient in nature and which is used for sleeping purposes when not classified as an Institutional Group I or when not regulated by the International Residential Code.

301.3(11) Delete section ~~907.2.2~~ and insert in lieu thereof the following new section:

907.2.2 Group B. A manual fire alarm system shall be installed in Group B occupancies where one of the following conditions exists:

1. The combined Group B occupant load of all floors is 500 or more.

2. The Group B occupant load is more than 100 persons above or below the lowest level of exit discharge.

3. The Group B fire area contains a Group B ambulatory health care facility.

4. The Group B fire area contains an educational occupancy for students above the twelfth grade with an occupant load of 50 or more persons.

~~Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.~~

301.3(11) Add the following to section 310.2:

Cabin buildings.

301.3(12) Add the following new section 408.9.1:

408.9.1 Windowed Buildings. Plans and specifications for windowed buildings or portions of windowed buildings shall include a rational analysis demonstrating a tenable environment for exiting from the smoke compartment in the area of fire origin.

301.3(13) Delete section 423 in its entirety and insert in lieu thereof the following new section:

423 Storm Shelters.

423.1 General. Any storm shelter or weather safe room as defined by rule 661—315.2(103A) shall be designed and constructed in accordance with ICC 500-2014.

423.1.1 Scope. In accordance with 661—Chapter 315, this section applies to storm shelters and weather safe rooms constructed on or after January 1, 2011. This section does not require the construction of a weather safe room or rooms for any construction project but does establish standards for design and construction of storm shelters and weather safe rooms when their construction is required by another statute, federal statute or regulation, or is incorporated voluntarily in a construction project.

301.3(14) Delete section 903.2.8, except for subsections 903.2.8.1 through 903.2.8.4, and insert in lieu thereof the following new section:

903.2.8 Group R. An automatic sprinkler system installed in accordance with section 903.3 shall be provided throughout all buildings with a Group R fire area.

Exception: Cabin buildings that are located in remote areas without a sufficient municipal water supply for design of a fire sprinkler system and that meet all of the following:

1. Not more than one story.
2. Not more than 750 square feet in floor area.
3. Fuel-fired heating equipment and other fuel-fired appliances are separated from sleeping areas by a one-hour fire-rated assembly.

4. Provided with fire alarm and smoke alarm systems as required by section 907 for R-1 occupancies.

5. Basements are not allowed.

6. Maintain a fire separation of 20 feet from any other building or structure.

7. Comply with all applicable requirements of the state building code.

~~301.3(12)~~ **301.3(15)** Delete section 907.2.3 and insert in lieu thereof the following new section:

907.2.3 Group E. In the absence of a complete automatic sprinkler system, a complete automatic detection system utilizing an emergency voice/alarm communication system shall be installed throughout the entire Group E occupancy. A Group E occupancy with a complete automatic sprinkler system shall be provided with a fire alarm system ~~with~~ utilizing an emergency voice/alarm communication system in compliance with section 907.5.2.2 and installed in accordance with section 907.6. As a minimum, ~~of corridor~~ smoke detection, shall be provided in corridors at a maximum spacing of 30 feet on center, and heat or smoke detection shall be provided in any hazardous or nonoccupied areas. ~~When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.~~

Exceptions:

1. Group E occupancies with an occupant load of less than 50.
2. Manual fire alarm boxes are not required in Group E occupancies where all of the following apply:
 - 2.1. Interior corridors are protected by smoke detectors with alarm verification.
 - 2.2. Auditoriums, cafeterias, gymnasiums and the like are protected by heat detectors or other approved detection devices.
 - 2.3. Shops and laboratories involving dusts or vapors are protected by heat detectors or other approved detection devices.
 - 2.4. Off-premises monitoring is provided.
 - 2.5. The capability to activate the evacuation signal from a central point is provided.
 - 2.6. In buildings where normally occupied spaces are provided with a two-way communication system between such spaces and a constantly attended receiving station from which a general evacuation alarm can be sounded, except in locations specifically designated by the fire code official.

3. Manual fire alarm boxes shall not be required in Group E occupancies where the building is equipped throughout with an approved automatic sprinkler system, the notification appliances will activate on sprinkler water flow, and manual activation is provided from a normally occupied location.

4. Emergency voice/alarm communication systems meeting the requirements of section 907.5.2.2 and installed in accordance with section 907.6 shall not be required in Group E occupancies with occupant loads of 100 or less, provided that activation of the fire alarm system initiates an approved occupant notification signal in accordance with section 907.5.

~~301.3(13)~~ Add the following new section 1003.8:

~~1003.8 Location of Preschool through Second Grade Students. In Group E occupancies, rooms normally occupied by preschool, kindergarten or first grade students shall not be located above or below the level of exit discharge. Rooms normally occupied by second grade students shall not be located more than one story above the level of exit discharge.~~

~~301.3(16)~~ Add the following new section 1003.8:

~~1003.8 Frost Protection. Exterior landings at doors shall be provided with frost protection.~~

~~301.3(17)~~ Add the following new section 1027.5.1:

~~1027.5.1 Exit Discharge Pathways. Exit discharge pathways shall be paved from all exits of the building to the public way.~~

~~301.3(14)~~ ~~301.3(18)~~ Delete section ~~1028.1.1~~ 1029.1.1 and insert in lieu thereof the following new section:

~~1028.1.1~~ 1029.1.1 Bleachers, grandstands, and folding and telescopic seating that are not building elements shall comply with ICC-300, Standard for Bleachers, Folding and Telescopic Seating, and Grandstands, ~~2007~~ 2012 edition, with the following amendments to ICC-300:

a. and *b.* No change.

~~301.3(15)~~ ~~301.3(19)~~ Add the following new section 1100:

1100. Any building or facility which is in compliance with the applicable requirements of 661—Chapter 302 shall be deemed to be in compliance with any applicable requirements contained in the International Building Code concerning accessibility for persons with disabilities.

~~301.3(16)~~ ~~301.3(20)~~ Delete chapter 29.

~~301.3(17)~~ ~~301.3(21)~~ Amend section 3001.2 by adding the following new unnumbered paragraph after the introductory paragraph:

Notwithstanding the references in Chapter 35 to editions of national standards adopted in this section, any editions of these standards adopted by the elevator safety board in 875—Chapter 72 are hereby adopted by reference. If a standard is adopted by reference in this section and there is no adoption by reference of the same standard in 875—Chapter 72, the adoption by reference in this section is of the edition identified in Chapter 35.

~~301.3(18)~~ Amend section 3401.3 by deleting “International Private Sewage Disposal Code” and inserting in lieu thereof “567 Iowa Administrative Code Chapter 69.”

~~301.3(19)~~ Delete appendices A through K.

~~301.3(22)~~ Delete appendices A, B, D, E, F, G, H, I, J, K, L and M.

~~301.3(23)~~ Retain Appendix C, Group U Agricultural Buildings.

~~301.3(20)~~ ~~301.3(24)~~ Delete all references to the “International Plumbing Code” and insert in lieu thereof “state plumbing code.”

~~301.3(21)~~ Delete all references to the “ICC Electrical Code” and insert in lieu thereof “rule 661—301.5(103A).”

~~301.3(22)~~ ~~301.3(25)~~ Delete all references to the “International Fuel Gas Code” and insert in lieu thereof “rule 661—301.9(103A).”

~~301.3(26)~~ Delete all references to the “International Mechanical Code” and insert in lieu thereof “state mechanical code.”

~~301.3(27)~~ Delete all references to the “International Residential Code” and insert in lieu thereof “rule 661—301.8(103A).”

~~301.3(28)~~ Delete all references to the “International Energy Conservation Code” and insert in lieu thereof “661—Chapter 303.”

~~301.3(23)~~ 301.3(29) *Hospitals and health care facilities.*

a. to e. No change.

ITEM 7. Amend rule 661—301.4(103A) as follows:

661—301.4(103A) Mechanical requirements. ~~The provisions of the state mechanical code, 641—Chapter 61, as adopted and amended by the state plumbing and mechanical systems board pursuant to Iowa Code chapter 105 are hereby adopted by reference as the requirements for mechanical installations. The provisions of the International Mechanical Code, 2009 edition, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041, are hereby adopted by reference as the requirements for the design, installation, maintenance, alteration, and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings, with the following amendments:~~

~~Delete section 101.1.~~

~~Delete sections 103, 104, 105, 106, 107, 108, 109, and 110 and sections therein.~~

~~Delete section 403 and insert in lieu thereof the following new section:~~

~~SECTION 403~~

~~MECHANICAL VENTILATION~~

~~Mechanical ventilation systems shall be designed in accordance with the provisions of ASHRAE Standard 62.1-2007, “Ventilation for Acceptable Indoor Air Quality,” published by the American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1791 Tullie Circle, N.E., Atlanta, GA 30329.~~

~~Delete appendices A and B.~~

~~Delete all references to the “International Plumbing Code” and insert in lieu thereof “state plumbing code.”~~

~~Delete all references to the “ICC Electrical Code” and insert in lieu thereof “National Electrical Code, 2008 edition, as amended by rule 661—301.5(103A).”~~

~~Delete all references to the “International Fuel Gas Code” and insert in lieu thereof “rule 661—301.9(103A).”~~

ITEM 8. Amend rule 661—301.5(103A) as follows:

661—301.5(103A) Electrical requirements. ~~The provisions of the National Electrical Code, 2011 edition, published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471, are hereby adopted by reference as the requirements for electrical installations, with the following amendments: The provisions of the state electrical code, as adopted and amended in 661—Chapter 504, are hereby adopted by reference as the requirements for electrical installations.~~

301.5(1) Add the following exceptions to section 210.8, paragraph (A), subparagraph (2):

a.—Exception No. 1 to (2): Receptacles that are not readily accessible.

b.—Exception No. 2 to (2): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord and plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

c.—Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).

301.5(2) Add the following exceptions to section 210.8, paragraph (A), subparagraph (5):

a.—Exception No. 2 to (5): Receptacles that are not readily accessible.

b.—Exception No. 3 to (5): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord and plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

c.—Receptacles installed under the exceptions to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

This rule is intended to implement Iowa Code chapter 103A.

ITEM 9. Amend rule 661—301.6(103A) as follows:

661—301.6(103A) Plumbing requirements. Provisions of the state plumbing code, 641—Chapter 25, adopted by the state plumbing and mechanical systems board pursuant to Iowa Code chapter 105, apply to plumbing installations in this state.

EXCEPTION: Factory-built structures, as referenced by Iowa Code section 103A.10(3), that contain plumbing installations are allowed to comply with either the state plumbing code or with the International Plumbing Code, 2009 2015 edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001. The manufacturer’s data plate must indicate which plumbing code was utilized for compliance with this rule, as required by 661—paragraph 16.610(15)“e.”

Private sewage disposal systems shall comply with 567—Chapter 69.

301.6(1) and 301.6(2) No change.

ITEM 10. Amend rule 661—301.7(103A)as follows:

661—301.7(103A) Existing buildings.

301.7(1) Definition. “Existing building” means a building erected prior to ~~January 1, 2010~~ May 18, 2016.

301.7(2) Adoption. The provisions of the International Existing Building Code, 2009 2015 edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001, are hereby adopted by reference as the requirements for repair, alteration, change of occupancy, addition, and relocation of existing buildings, with the following amendments:

~~Delete section 101.1.~~

Delete section 101.4.2 and insert in lieu thereof the following new section:

101.4.2 Buildings Previously Occupied. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as specifically covered in this code or the state fire code, or as deemed necessary by the building code commissioner for the general safety and welfare of the occupants and the public.

~~Delete section 101.5.4.~~

~~Delete section 101.5.4.1.~~

~~Delete section 101.5.4.2.~~

~~Delete section 101.5.~~

~~Delete section 101.6.~~

~~Delete section 101.7.~~

Delete sections 103, 104, and 105 and sections therein.

Delete sections 106.1, ~~106.3.1, 106.3.3~~ 106.3, 106.4, 106.5, and 106.6.

Delete sections 108, 109, 110, 112, 113, 114, 115, 116 and 117 and sections therein.

~~Delete section 605.~~

~~Delete section 705.~~

~~Delete section 706.~~

~~Delete section 806.~~

~~Delete section 906.~~

~~Delete section 912.8.~~

~~Delete section 1012.8.~~

~~Delete section 1105.1.~~

~~Delete section 1205.15.~~

~~Delete chapters A1 through A5.~~

~~Delete appendix B and insert in lieu thereof the following new section:~~

~~Any building or facility subject to this rule shall comply with the provisions of 661—Chapter 302.~~

~~Delete resource A.~~

Delete all references to the “International Plumbing Code” and insert in lieu thereof “state plumbing code.”

~~Delete all references to the “ICC Electrical Code” and insert in lieu thereof “National Electrical Code, 2008 edition, as amended by rule 661—301.5(103A).”~~

Delete all references to the “International Fuel Gas Code” and insert in lieu thereof “rule 661—301.9(103A).”

Delete all references to the “International Mechanical Code” and insert in lieu thereof “state mechanical code.”

Delete all references to the “International Building Code” and insert in lieu thereof “rule 661—301.3(103A).”

Delete all references to the “International Residential Code” and insert in lieu thereof “rule 661—301.8(103A).”

Delete all references to the “International Fire Code” and insert in lieu thereof “state fire code.”

ITEM 11. Amend rule 661—301.8(103A) as follows:

661—301.8(103A) Residential construction requirements. The provisions of the International Residential Code, ~~2009~~ 2015 edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001, are hereby adopted by reference as the requirements for construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal, and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height with a separate means of egress and their accessory structures, with the following amendments:

Delete section R101.1.

Delete sections R103 to R114 and sections therein.

NOTE: The values for table R301.2(1) shall be determined by the location of the project and referenced footnotes from table R301.2(1).

Insert new Exception 5: “5. Exterior decks, exterior balconies, and exterior porches.”

Delete chapter 11 and insert in lieu thereof rule 661—303.2(103A).

Delete all references to the “International Plumbing Code” and insert in lieu thereof “state plumbing code.”

Delete all references to the “International Mechanical Code” and insert in lieu thereof “state mechanical code.”

Delete all references to the “International Fuel Gas Code” and insert in lieu thereof “rule 661—301.9(103A).”

Delete all references to the “International Building Code” and insert in lieu thereof “rule 661—301.3(103A).”

Delete all references to the “International Fire Code” and insert in lieu thereof “state fire code.”

Delete section R310.1 and insert in lieu thereof the following new section:

R310.1 Emergency escape and rescue required. Basements, habitable attics and every sleeping room shall have at least one operable emergency and rescue opening. Such opening shall open directly into a public street, public alley, yard or court. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where emergency escape and rescue openings are provided, they shall have a sill height of not more than 44 inches (1118 mm) above an adjacent permanent interior standing surface. The adjacent permanent interior standing surface shall be no less than 36 inches wide and 18 inches deep and no more than 24 inches high. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with section

R310.2. Emergency escape and rescue openings shall open directly into a public way, or to a yard or court that opens to a public way.

EXCEPTION: Basements used only to house mechanical equipment and not exceeding total floor area of 200 square feet (18.58 m²).

Delete section R313.1.

NOTE: Deletion of section R313.1, which would have required the installation of sprinklers in newly constructed townhouses, is consistent with 2010 Iowa Acts, Senate Joint Resolution 2009.

Delete section R313.2.

NOTE: Deletion of section R313.2, which would have required the installation of sprinklers in newly constructed one- and two-family residences, is consistent with 2010 Iowa Acts, Senate Joint Resolution 2009.

Amend section R322.1.7 by striking the words “Chapter 3 of the International Private Sewage Disposal Code” and inserting in lieu thereof “567 Iowa Administrative Code Chapter 69.”

~~Delete section R907.3 and insert in lieu thereof the following new section:~~

~~R907.3 Recovering versus replacement. New roof coverings shall not be installed without first removing all existing layers of roof coverings where any of the following conditions exist:~~

~~1. Where the existing roof or roof covering is water-soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.~~

~~2. Where the existing roof covering is wood shake, slate, clay, cement or asbestos cement tile.~~

~~3. Where the existing roof has two or more applications of any type of roof covering.~~

Delete chapter 24 and sections therein and insert in lieu thereof the following new section:

All fuel gas piping installations shall comply with rule 661—301.9(103A).

Delete chapters 25 to 33 and sections therein, except for section P2904, and insert in lieu thereof the following new section:

All plumbing installations shall comply with the state plumbing code as adopted by the state plumbing and mechanical systems board pursuant to Iowa Code chapter 105.

EXCEPTION: Factory-built structures, as referenced by Iowa Code section 103A.10(3), that contain plumbing installations are allowed to comply with either the state plumbing code or with the International Plumbing Code, 2009 2015 edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001. The manufacturer’s data plate must indicate which plumbing code was utilized for compliance with this rule, as required by 661—paragraph 16.610(15)“e.”

Delete chapters 34 to 43 and sections therein and insert in lieu thereof the following new section:

~~All electrical installations shall comply with National Electrical Code, 2008 edition, as amended by rule 661—301.5(103A). The provisions of the state electrical code, as adopted and amended in 661—Chapter 504, are hereby adopted by reference as the requirements for electrical installations.~~

Delete appendices A through Q U of the IRC.

ITEM 12. Amend rule 661—301.9(103A) as follows:

661—301.9(103A) Fuel gas piping requirements. Fuel gas piping shall comply with the requirements of ~~661—Chapter 221~~ rule 641—25.3(105) and NFPA 54, ANSI Z223.1-2012, National Fuel Gas Code, 2012 Edition, published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Liquefied petroleum gas facilities and appliances shall comply with rule 661—226.1(101).

ITEM 13. Amend rule 661—301.10(103A) as follows:

661—301.10(103A) Transition period. A construction project which is subject to the provisions of any rule in 661—Chapter 301 or 661—Chapter 303 which requires compliance with provisions of the 2009 edition of any code published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001, may comply with the requirements established either in the edition of the code adopted herein or the requirements established in the edition of the same code previously in effect if the project is commenced ~~between~~

~~January 1, 2014, and May 31, 2014~~ on or before January 1, 2017. “Commenced” shall mean that the submitter has obtained preliminary approval from the commissioner or a local building department pursuant to rule 661—300.6(103A) prior to July 31, 2016. If final approval for the project design has not been obtained prior to January 1, 2017, the project is subject to the provisions of 661—Chapters 301 and 303 in effect as of May 18, 2016.

ITEM 14. Amend rule ~~661—302.2(103A,104A)~~, definition of “IBC 2009,” as follows:

~~“IBC 2009 2015”~~ means the International Building Code, ~~2009 2015~~ edition, published by the International Code Council, ~~5203 Leesburg Pike, Suite 600, Falls Church, VA 22041~~ 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001.

ITEM 15. Amend rule 661—302.3(103A,104A) as follows:

661—302.3(103A,104A) Accessibility of buildings and facilities available to the public. Buildings and facilities which are available to the public, other than places of worship, shall comply with one of the following:

302.3(1) Applicable provisions of ADASAD 2010, or

302.3(2) IBC ~~2009~~ 2015, Chapter 11 and applicable accessibility provisions contained in IBC ~~2009~~ 2015.

NOTE 4: Approval of construction plans based upon compliance with the applicable provisions of the International Building Code, ~~2009 2015~~ edition, as provided, does not relieve the designer, builder, building owner, or building operator from responsibility under federal law to comply with all applicable provisions of the 2010 ADA Standards for Accessible Design.

~~NOTE 2: Amendments to requirements contained in the state of Iowa building code do not apply retroactively to existing construction. New amendments to the state building code apply only to construction which occurs on or after the effective date of the amendments.~~

ITEM 16. Amend rules ~~661—315.1(83GA,ch142)~~ to ~~661—315.3(83GA,ch142)~~, parenthetical implementation statute, as follows:

~~(83GA,ch142 103A)~~

ITEM 17. Amend rule 661—315.1(103A) as follows:

661—315.1(103A) Scope. The standards adopted in this chapter shall apply to the design and construction of weather safe rooms constructed on or after January 1, ~~2011~~ 2017. The rules in this chapter do not require the construction of a weather safe room or rooms for any construction project but establish standards for design and construction of weather safe rooms when their construction is required by another provision of law or is incorporated voluntarily in a construction project.

ITEM 18. Amend rule 661—315.3(103A) as follows:

661—315.3(103A) Requirements. Any weather safe room constructed on or after January 1, ~~2011~~ 2017, shall be designed and constructed in compliance with the provisions of ICC 500-~~2008~~ 2014, ICC/NSSA Standard for the Design and Construction of Storm Shelters, published by the International Code Council, 500 New Jersey Avenue NW, 6th Floor, Washington, D.C. 20001. Any provision which would apply to a hurricane safe structure but not to a tornado safe structure shall not apply. For any provision for which a distinction is made between a tornado safe structure and a hurricane safe structure, the requirement for a tornado safe structure shall apply.

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EDITOR’S NOTE: For replacement pages for IAC, see IAC Supplement 4/13/16.